

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/527,678
Source: IFWO
Date Processed by STIC: 7/10/06

ENTERED



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/527,678

DATE: 07/10/2006
TIME: 09:52:10

Input Set : A:\UCIVN022.APP
Output Set: N:\CRF4\07102006\J527678.raw

```

3 <110> APPLICANT: KAYED, RAKEZ
4      GLABE, CHARLES
6 <120> TITLE OF INVENTION: IMMUNOGENS AND CORRESPONDING ANTIBODIES SPECIFIC FOR
7      HIGH MOLECULAR WEIGHT AGGREGATION INTERMEDIATES COMMON
8      TO AMYLOIDS FORMED FROM PROTEINS OF DIFFERING SEQUENCE
10 <130> FILE REFERENCE: UCIVN-022US
12 <140> CURRENT APPLICATION NUMBER: 10/527,678
13 <141> CURRENT FILING DATE: 2005-03-11
15 <150> PRIOR APPLICATION NUMBER: PCT/US03/28829
16 <151> PRIOR FILING DATE: 2003-09-12
18 <150> PRIOR APPLICATION NUMBER: 60/410,069
19 <151> PRIOR FILING DATE: 2002-09-12
21 <160> NUMBER OF SEQ ID NOS: 10
23 <170> SOFTWARE: PatentIn Ver. 3.3
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 40
27 <212> TYPE: PRT
28 <213> ORGANISM: Homo sapiens
30 <400> SEQUENCE: 1
31 Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys
32      1           5           10          15
34 Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
35      20          25          30
37 Gly Leu Met Val Gly Gly Val Val
38      35          40
41 <210> SEQ ID NO: 2
42 <211> LENGTH: 42
43 <212> TYPE: PRT
44 <213> ORGANISM: Homo sapiens
46 <400> SEQUENCE: 2
47 Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys
48      1           5           10          15
50 Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
51      20          25          30
53 Gly Leu Met Val Gly Gly Val Val Ile Ala
54      35          40
57 <210> SEQ ID NO: 3
58 <211> LENGTH: 37
59 <212> TYPE: PRT
60 <213> ORGANISM: Homo sapiens
62 <400> SEQUENCE: 3
63 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
64      1           5           10          15

```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/527,678

DATE: 07/10/2006
TIME: 09:52:10

Input Set : A:\UCIVN022.APP
Output Set: N:\CRF4\07102006\J527678.raw

```

66 Val His Ser Ser Asn Asn Phe Gly Ala Ile Leu Ser Ser Thr Asn Val
67          20           25           30
69 Gly Ser Asn Thr Tyr
70          35
73 <210> SEQ ID NO: 4
74 <211> LENGTH: 21
75 <212> TYPE: PRT
76 <213> ORGANISM: Homo sapiens
78 <400> SEQUENCE: 4
79 Lys Thr Asn Met Lys His Met Ala Gly Ala Ala Ala Gly Ala Val
80   1          5           10           15
82 Val Gly Gly Leu Gly
83          20
86 <210> SEQ ID NO: 5
87 <211> LENGTH: 44
88 <212> TYPE: PRT
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
93 peptide
95 <400> SEQUENCE: 5
96 Lys Lys Gln Gln
97   1          5           10           15
99 Gln Gln
100          20          25           30
102 Gln Gln Gln Gln Gln Gln Gln Gln Lys Lys
103          35          40
106 <210> SEQ ID NO: 6
107 <211> LENGTH: 147
108 <212> TYPE: PRT
109 <213> ORGANISM: Homo sapiens
111 <400> SEQUENCE: 6
112 Met Lys Ala Leu Ile Val Leu Gly Leu Val Leu Leu Ser Val Thr Val
113   1          5           10           15
115 Gln Gly Lys Val Phe Glu Arg Cys Glu Leu Ala Arg Thr Leu Lys Arg
116          20          25           30
118 Leu Gly Met Asp Gly Tyr Arg Gly Ser Leu Ala Asn Trp Met Cys Leu
119          35          40           45
121 Ala Lys Trp Glu Ser Gly Tyr Asn Thr Arg Ala Thr Asn Tyr Asn Ala
122          50          55           60
124 Gly Asp Arg Ser Thr Asp Tyr Gly Ile Phe Gln Ile Asn Ser Arg Tyr
125          65          70           75           80
127 Trp Cys Asn Asp Gly Lys Thr Pro Gly Ala Val Asn Ala Cys His Leu
128          85          90           95
130 Ser Cys Ser Ala Leu Leu Gln Asp Asn Ile Ala Asp Ala Val Ala Cys
131          100         105          110
133 Ala Lys Arg Val Val Arg Asp Pro Gln Gly Ile Arg Ala Trp Val Ala
134          115         120          125
136 Trp Arg Asn Arg Cys Gln Asn Arg Asp Val Arg Gln Tyr Val Gln Gly

```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/527,678

DATE: 07/10/2006
TIME: 09:52:10

Input Set : A:\UCIVN022.APP
Output Set: N:\CRF4\07102006\J527678.raw

137	130	135	140													
139	Cys	Gly	Val													
140	145															
143	<210>	SEQ ID NO:	7													
144	<211>	LENGTH:	110													
145	<212>	TYPE:	PRT													
146	<213>	ORGANISM:	Homo sapiens													
148	<400>	SEQUENCE:	7													
149	Met	Ala	Leu	Trp	Met	Arg	Leu	Leu	Pro	Leu	Leu	Ala	Leu	Leu	Ala	Leu
150	1				5				10						15	
152	Trp	Gly	Pro	Asp	Pro	Ala	Ala	Ala	Phe	Val	Asn	Gln	His	Leu	Cys	Gly
153						20			25						30	
155	Ser	His	Leu	Val	Glu	Ala	Leu	Tyr	Leu	Val	Cys	Gly	Glu	Arg	Gly	Phe
156						35			40					45		
158	Phe	Tyr	Thr	Pro	Lys	Thr	Arg	Arg	Glu	Ala	Glu	Asp	Leu	Gln	Val	Gly
159						50			55					60		
161	Gln	Val	Glu	Leu	Gly	Gly	Pro	Gly	Ala	Gly	Ser	Leu	Gln	Pro	Leu	
162						65			70					75		80
164	Ala	Leu	Glu	Gly	Ser	Leu	Gln	Lys	Arg	Gly	Ile	Val	Glu	Gln	Cys	Cys
165						85			90					95		
167	Thr	Ser	Ile	Cys	Ser	Leu	Tyr	Gln	Leu	Glu	Asn	Tyr	Cys	Asn		
168						100			105					110		
171	<210>	SEQ ID NO:	8													
172	<211>	LENGTH:	147													
173	<212>	TYPE:	PRT													
174	<213>	ORGANISM:	Homo sapiens													
176	<400>	SEQUENCE:	8													
177	Met	Ala	Ser	His	Arg	Leu	Leu	Leu	Cys	Leu	Ala	Gly	Leu	Val	Phe	
178	1				5				10					15		
180	Val	Ser	Glu	Ala	Gly	Pro	Thr	Gly	Thr	Gly	Glu	Ser	Lys	Cys	Pro	Leu
181						20			25					30		
183	Met	Val	Lys	Val	Leu	Asp	Ala	Val	Arg	Gly	Ser	Pro	Ala	Ile	Asn	Val
184						35			40					45		
186	Ala	Val	His	Val	Phe	Arg	Lys	Ala	Ala	Asp	Asp	Thr	Trp	Glu	Pro	Phe
187						50			55					60		
189	Ala	Ser	Gly	Lys	Thr	Ser	Glu	Ser	Gly	Glu	Leu	His	Gly	Leu	Thr	Thr
190						65			70					75		80
192	Glu	Glu	Glu	Phe	Val	Glu	Gly	Ile	Tyr	Lys	Val	Glu	Ile	Asp	Thr	Lys
193						85			90					95		
195	Ser	Tyr	Trp	Lys	Ala	Leu	Gly	Ile	Ser	Pro	Phe	His	Glu	His	Ala	Glu
196						100			105					110		
198	Val	Val	Phe	Thr	Ala	Asn	Asp	Ser	Gly	Pro	Arg	Arg	Tyr	Thr	Ile	Ala
199						115			120					125		
201	Ala	Leu	Leu	Ser	Pro	Tyr	Ser	Tyr	Ser	Thr	Thr	Ala	Val	Val	Thr	Asn
202						130			135					140		
204	Pro	Lys	Glu													
205	145															
208	<210>	SEQ ID NO:	9													
209	<211>	LENGTH:	140													

RAW SEQUENCE LISTING DATE: 07/10/2006
PATENT APPLICATION: US/10/527,678 TIME: 09:52:11

Input Set : A:\UCIVN022.APP
Output Set: N:\CRF4\07102006\J527678.raw

210 <212> TYPE: PRT
211 <213> ORGANISM: Homo sapiens
213 <400> SEQUENCE: 9
214 Met Asp Val Phe Met Lys Gly Leu Ser Lys Ala Lys Glu Gly Val Val
215 1 5 10 15
217 Ala Ala Ala Glu Lys Thr Lys Gln Gly Val Ala Glu Ala Ala Gly Lys
218 20 25 30
220 Thr Lys Glu Gly Val Leu Tyr Val Gly Ser Lys Thr Lys Glu Gly Val
221 35 40 45
223 Val His Gly Val Ala Thr Val Ala Glu Lys Thr Lys Glu Gln Val Thr
224 50 55 60
226 Asn Val Gly Gly Ala Val Val Thr Gly Val Thr Ala Val Ala Gln Lys
227 65 70 75 80
229 Thr Val Glu Gly Ala Gly Ser Ile Ala Ala Ala Thr Gly Phe Val Lys
230 85 90 95
232 Lys Asp Gln Leu Gly Lys Asn Glu Glu Gly Ala Pro Gln Glu Gly Ile
233 100 105 110
235 Leu Glu Asp Met Pro Val Asp Pro Asp Asn Glu Ala Tyr Glu Met Pro
236 115 120 125
238 Ser Glu Glu Gly Tyr Gln Asp Tyr Glu Pro Glu Ala
239 130 135 140
242 <210> SEQ ID NO: 10
243 <211> LENGTH: 6
244 <212> TYPE: PRT
245 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
249 6xHis tag
251 <400> SEQUENCE: 10
252 His His His His His
253 1 5

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/527,678

DATE: 07/10/2006
TIME: 09:52:12

Input Set : A:\UCIVN022.APP
Output Set: N:\CRF4\07102006\J527678.raw